



FortiAP-S 5.4.1 Release Notes

VERSION 5.4.1

FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

<http://cookbook.fortinet.com/how-to-work-with-fortinet-support/>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



February 10, 2016

FortiAP-S 5.4.1 Release Notes

40-541-294550-20160210

TABLE OF CONTENTS

Change Log	4
Introduction	5
Supported models	5
What's new in FortiAP-S 5.4.1	5
Upgrade Information	7
Upgrading from FortiAP-S version 5.4.0 or later	7
Downgrading to previous firmware versions	7
Firmware image checksums	7
Product Integration and Support	8
FortiAP-S 5.4.1 support	8
Resolved Issues	9
Known Issues	10

Change Log

Date	Change Description
February 10, 2016	Initial release.

Introduction

This document provides the following information for FortiAP-S version 5.4.1:

- [Supported models](#)
- [What's new in FortiAP-S 5.4.1](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

For more information on upgrading your FortiAP device, see the *Deploying Wireless Networks for FortiOS 5.2* guide in the [Fortinet Document Library](#).

Supported models

FortiAP-S version 5.4.1 supports the following models:

Model	Build
FortiAP-S311C, FortiAP-S313C, FortiAP-S321C, FortiAP-S322C, FortiAP-S323C	0136

What's new in FortiAP-S 5.4.1

The following is a list of new features and enhancements in FortiAP-S version 5.4.1:

- Three new models supported: FortiAP-S311C, FortiAP-S313C, and FortiAP-S322C.
- Application Control feature in UTM security.
- DFS channels enabled for FAP-S321C-E, FAP-S321C-J, FAP-S323C-E, and FAP-S323C-J.
Note: FortiOS 5.4.0 can configure DFS channels for those platforms.
- Inherited the following new features from regular FortiAP 5.4.0:
 - SSID Configuration of NAT and bridge modes from FortiCloud.
 - Customization of IP address and subnet mask of NAT-mode standalone SSID from FortiCloud.
 - Detection of WiFi client operating radio band.
 - Updated MAC address OUI database.
 - New options for multicast and broadcast suppression: suppression of all multicast and broadcast frames; mitigation of DHCP starvation and mitigation of ARP poisoning.
 - New WIDS option: threshold of sending rate of de-authentication frames to unknown source for DoS attack.
 - REST Push API for FortiPresence.
 - FortiGate wireless controller support for controlling Telnet and HTTP access to FortiAP.
 - LLDP support.
 - Customization of 802.11a/b/g/n/ac data rates in VAP configuration.

- Opportunistic Key Caching (OKC) for WiFi client roaming in WPA2-Enterprise SSID.
- Protected Management Frames in SSID configuration.

Upgrade Information

Upgrading from FortiAP-S version 5.4.0 or later

On FortiAP-S321C and FortiAP-S323C, FortiAP-S 5.4.1 supports upgrading from 5.4.0.

Downgrading to previous firmware versions

FortiAP-S 5.4.1 does not support downgrading to previous firmware versions.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiAP-S 5.4.1 support

The following table lists FortiAP-S version 5.4.1 product integration and support information.

FortiAP-S 5.4.1 support

Web Browsers	<ul style="list-style-type: none">• Microsoft Internet Explorer versions 10 and 11• Mozilla Firefox version 41• Google Chrome version 47• Safari version 8 <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS	5.4.0 (models FAP-S321C, FAP-S323C, FAP-S311C, FAP-S313C)

Resolved Issues

The following issues have been fixed in version 5.4.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
279559	FAP-S can send radio statistics correctly to FortiCloud.
279620	FAP-S console, Telnet and HTTP session can automatically log out after ADMIN_TIMEOUT timer expires.
292311	FAP-S beacon interval can be set correctly when multiple SSIDs have been configured.
295046	FAP-S can generate traffic log when WebFilter category is set to Monitor.

Known Issues

The following issues have been identified in version 5.4.1. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
276655	The USB port on all FortiAP-S models are disabled.



High Performance Network Security



Copyright© 2016 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features, or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.